

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1-3. (Canceled)

4. (Currently amended) A plasma display panel, comprising:

a first substrate;

a plurality of first electrodes provided on the first substrate;

a plurality of second

~~arranged with having a first and a second sustain electrodes form a pair on an upper~~  
~~substrate;~~

~~a plurality of data electrodes arranged on a lower substrate to cross the electrodes;~~

~~a plurality of barrier ribs arranged in parallel to the data electrodes with a designated~~  
~~gap to form a discharge space between the upper substrate and the lower substrate;~~

~~and~~

~~a plurality of phosphorus layers having a red phosphorus layer, a green phosphorus~~  
~~layer and a blue phosphorus layer which are formed along the inner wall of the barrier~~  
~~ribs;~~

~~and~~

wherein the green phosphor layer is made of  $\text{Zn}_2\text{SiO}_4\text{:Mn}$  phosphor,  $\text{YBO}_3\text{:Tb}$  phosphor and  $\text{BaAl}_{12}\text{O}_{19}\text{:Mn}$  phosphor, and the mixing rate of  $\text{BaAl}_{12}\text{O}_{19}\text{:Mn}$  phosphor to the total weight is 1~25 wt% provided on the first substrate, the first and second electrodes being provided in a first direction;

a second substrate;

a plurality of address electrodes provided on the second substrate in a second direction, the first direction being different from the second direction;

a plurality of barrier ribs provided on the second substrate in the second direction;

a plurality of discharge cells, each cell provided between two adjacent barrier ribs, and having corresponding first, second and address electrodes;

a green phosphor material provided to a first prescribed number of discharge cells;

a red phosphor material provided to a second prescribed number of discharge cells;

and

a blue phosphor material provided to a third prescribed number of discharge cells, wherein the green phosphor material comprises a first class phosphor material of  $\text{Zn}_2\text{SiO}_4\text{:Mn}$ ,

and at least one of a second class phosphor material or a third class phosphor material,

the second class phosphor material comprising at least one of  $\text{LaPO}_4\text{:Tb}$ ,  $\text{Y}_3\text{Al}_3(\text{BO}_3)_4\text{:Tb}$ ,  $\text{Y}(\text{Al}, \text{Ga})_5\text{O}_{12}\text{:Tb}$ ,  $\text{YBO}_3\text{:Tb}$ , or  $(\text{Y}, \text{Gd})\text{BO}_3\text{:Tb}$ , and

the third class phosphor material comprising at least one of  $\text{BaAl}_{12}\text{O}_{19}\text{:Mn}$ ,

BaAl14023:Mn, or Ba(Sr,Ma)AlO:Mn, and wherein

weight of the first class phosphor material to total weight is less than 100%.

5-18. (Canceled).

19. (New) The plasma display panel of claim 4, wherein the second class phosphor material comprises  $\text{Zn}_2\text{SiO}_4\text{:Mn}$ ,  $(\text{Y}, \text{Gd})\text{BO}_3\text{:Tb}$ , and the third class phosphor material comprises  $\text{BaAl12019:Mn}$ .

20. (New) The plasma display panel of claim 4, wherein the third class phosphor material to the total weight is 1~25 wt%.

21. (New) The plasma display panel of claim 19, wherein the third class phosphor material to the total weight is 1~25 wt%.

22. (New) The plasma display panel of claim 4, wherein the second class phosphor to the first class phosphor is 25~80 wt%.

23. (New) The plasma display panel of claim 19, wherein the second class phosphor to the first class phosphor is 25~80 wt%.

24. (New) The plasma display panel of claim 22, wherein the third class phosphor to the total weight is 1~25 wt%.

25. (New) The plasma display panel of claim 23, wherein the third class phosphor to the total weight is 1~25 wt%.

26. (New) A plasma display panel comprising:

- a first substrate;

- a plurality of first electrodes provided on the first substrate;

- a plurality of second electrodes provided on the first substrate, the first and second electrodes being provided in a first direction;

- a second substrate;

- a plurality of address electrodes provided on the second substrate in a second direction, the first direction being different from the second direction;

- a plurality of barrier ribs provided on the second substrate in the second direction;

- a plurality of discharge cells, each cell provided between two adjacent barrier ribs, and having corresponding first, second and address electrodes;

a green phosphor material provided to a first prescribed number of discharge cells;  
a red phosphor material provided to a second prescribed number of discharge cells;  
and  
a blue phosphor material provided to a third prescribed number of discharge cells,  
wherein the green phosphor material comprises a first class phosphor material of  $\text{Zn}_2\text{SiO}_4\text{:Mn}$ , and a second class phosphor material comprising at least one of  $\text{LaPO}_4\text{:Tb}$ ,  $\text{Y}_3\text{Al}_3(\text{BO}_3)_4\text{Tb}$ ,  $\text{Y}(\text{Al}, \text{Ga})_5\text{O}_{12}\text{:Tb}$ ,  $\text{YBO}_3\text{:Tb}$ , or  $(\text{Y}, \text{Gd})\text{BO}_3\text{:Tb}$ .

27. (New) The plasma display panel of claim 26, wherein the mixing rate of the second class phosphor to the first class phosphor is 25~50 wt%.

28. (New) The plasma display panel of claim 26, wherein the green phosphor material comprises  $\text{Zn}_2\text{SiO}_4\text{:Mn}$  and  $(\text{Y}, \text{Gd})\text{BO}_3\text{:Tb}$  or  $\text{Zn}_2\text{SiO}_4\text{:Mn}$  and  $\text{Y}_3\text{Al}_3(\text{BO}_3)_4\text{Tb}$ .

29. (New) The plasma display panel of claim 28, wherein  $(\text{Y}, \text{Gd})\text{BO}_3\text{:Tb}$  and  $\text{Y}_3\text{Al}_3(\text{BO}_3)_4\text{Tb}$  to total weight is 25~50 wt%.

30. (New) A plasma display panel comprising:

a first substrate;

a plurality of first electrodes provided on the first substrate;

a plurality of second electrodes provided on the first substrate, the first and second electrodes being provided in a first direction;

a second substrate;

a plurality of address electrodes provided on the second substrate in a second direction, the first direction being different from the second direction;

a plurality of barrier ribs provided on the second substrate in the second direction;

a plurality of discharge cells, each cell provided between two adjacent barrier ribs, and having corresponding first, second and address electrodes;

a green phosphor material provided to a first prescribed number of discharge cells;

a red phosphor material provided to a second prescribed number of discharge cells;

and

a blue phosphor material provided to a third prescribed number of discharge cells, wherein the green phosphor material comprises a first class phosphor material of  $\text{Zn}_2\text{SiO}_4\text{:Mn}$ , and a second class phosphor material comprising at least one of  $\text{LaPO}_4\text{:Tb}$ ,  $\text{Y}_3\text{Al}_3(\text{BO}_3)_4\text{:Tb}$ ,  $\text{Y}(\text{Al}, \text{Ga})_5\text{O}_{12}\text{:Tb}$ ,  $\text{YBO}_3\text{:Tb}$ , or  $(\text{Y}, \text{Gd})\text{BO}_3\text{:Tb}$ , and a third phosphor material comprising at least one of  $\text{BaAl}_{12}\text{O}_{19}\text{:Mn}$ ,  $\text{BaAl}_{14}\text{O}_{23}\text{:Mn}$ , or  $\text{Ba}(\text{Sr}, \text{Ma})\text{AlO:Mn}$ .

31. (New) The plasma display panel of claim 30, wherein the second class phosphor material comprises  $(\text{Y}, \text{Gd})\text{BO}_3\text{:Tb}$  or  $\text{Y}_3\text{Al}_3(\text{BO}_3)_4\text{:Tb}$ ;

and the third class phosphor material comprises  $\text{BaAl}_{12}\text{O}_{19}\text{:Mn}$ .

32. (New) The plasma display panel of claim 30, wherein the third class phosphor material to the total weight is 1~25 wt%.

33. (New) The plasma display panel of claim 31, wherein the third class phosphor material to the total weight is 1~25 wt%.

34. (New) The plasma display panel of claim 30, wherein the second class phosphor to the first class phosphor is 25~80 wt%.

35. (New) The plasma display panel of claim 31, wherein the second class phosphor to the first class phosphor is 25~80 wt%.